EAST Search History

EAST Search History (Prior Art)

| Ref# | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|------|------|--|---|---------------------|---------|---------------------|
| S1 | 159 | 604/103.09 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2006/12/04 10:34 |
| S2 | 2 | 604/103.09 and etch\$4 same surface | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2006/12/04 10:53 |
| S3 | 22 | 604/524 and etch\$4 same surface | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2006/12/04 10:43 |
| S4 | 26 | ("1481078" "3731671" "3879516" "4020829" "4044765" "4052989" "4430083" "4495134" "4516972" "4737153" "4842590" "4907624" "4917666" "5019057" "5069674" "5125895" "5334169" "5419373" "5591142" "5778941" "5827242" "6053903" "6305428").PN. OR ("6669886").URPN. | US-PGPUB; USPAT; USOCR | AND | OFF | 2006/12/04 10:40 |
| S6 | 1 | S4 and etch\$4 same surface | US-PGPUB; USPAT; USOCR | AND | OFF | 2006/12/04 10:40 |
| S7 | 553 | catheter etch\$4 same surface same metal\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2006/12/04 10:46 |
| S8 | 29 | reinforce and catheter etch\$4 same surface same metal\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2007/11/01 06:32 |

| S9 | 3317 | "604" and etch\$4 same surface same metal\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2006/12/04 10:48 |
|-----|-------|--|---|-----|-----|---------------------|
| S11 | 160 | "604".clas. and etch\$4 same surface same metal \$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2006/12/04 10:48 |
| S12 | 21 | (604/103.09 or 604/524) etch\$4 same (coil or member or reinforce\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2006/12/04 10:59 |
| S13 | 321 | "604".clas. etch\$4 same (coil or member or reinforce\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2006/12/04 12:31 |
| S14 | 129 | catheter etch\$4 same metal\$4 same adhesi\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2007/05/14 05:27 |
| S15 | 17923 | etch\$4 same metal\$4 same adhesi\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2006/12/04 12:35 |
| S16 | 52 | "604".clas. etch\$4 same metal\$4 same adhesi\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2006/12/04 12:37 |
| S17 | 1281 | etch\$4 same metal\$4 same (coil or member or filament) same adhesi\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2006/12/04 12:37 |

| S18 | 1026 | etch\$4 same metal\$4 same (coil or member or filament) same adhesi\$4 @py<="2003" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2006/12/04 12:45 |
|-----|------|---|---|-----|-----|---------------------|
| S19 | 29 | catheter etch\$4 same metal\$4 same (coil or member or filament) same adhesi\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2006/12/04 12:45 |
| S20 | 2 | ("20010027310").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/05/12 09:33 |
| S21 | 6 | (("20010027310") or ("6669886") or ("5330521")).PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/05/12 09:33 |
| S22 | 1620 | (catheter or guidewire) etch\$4 same metal\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2007/05/14 05:27 |
| S23 | 777 | (catheter or guidewire) etch\$4 same metal\$4 @py<="2003" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2007/05/14 05:33 |
| S24 | 306 | ("604".clas. or "606". clas.)(catheter or guidewire) etch\$4 same metal\$4 @py<="2003" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2007/05/14 05:34 |
| S25 | 6 | catheter reinforce same etch\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/05/14 06:16 |

| S26 | 2 | ("7025758").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/05/14 06:16 |
|-------------|-----|---|---|-----|-----|---------------------|
| S 27 | 2 | ("5330521").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/07/25 08:23 |
| S28 | 2 | ("5330521").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/11/01 06:32 |
| S29 | 404 | catheter surface roughening technique | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/11/01 07:18 |
| S30 | 37 | catheter (chemical or mechanical) near roughening | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/11/01 07:24 |
| S31 | 2 | ("5133422").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/11/01 07:24 |
| S32 | 2 | ("6186986").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/11/01 07:28 |
| S3 3 | 26 | cathether (abraded or abrasion) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/11/27 07:26 |

| S34 | 62 | "604".clas. surface near abrasion | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/11/27 07:28 |
|------|------|--|---|------|----|---------------------|
| \$35 | 1320 | catheter rough surface adhesion | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/11/27 07:28 |
| S36 | 1320 | catheter rough surface adhesion py<="2003" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/11/27 07:29 |
| S37 | 0 | catheter rough surface adhesion py<="2003" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2007/11/27 07:29 |
| S38 | 57 | catheter rough same surface same adhesion py<="2003" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/11/27 07:31 |
| S39 | 3760 | abrasion increase same surface reinforcement | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/11/27 07:32 |
| S40 | 698 | abrasion increase same surface same reinforcement | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/11/27 07:32 |
| S41 | 573 | abrasion increase same surface same reinforcement @py<="2003" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/11/27 07:34 |

| S42 | 81 | "138".clas. increase near surface near area | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/11/27 07:37 |
|-----|------|---|---|-----|----|---------------------|
| S43 | 50 | catheter sandblasted | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/11/27 07:40 |
| S44 | 1483 | catheter textured same surface | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/11/27 07:41 |
| S45 | 1483 | catheter textured same surface py<="2003" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/11/27 07:41 |
| S46 | 435 | catheter textured same surface adhesion py<="2003" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/11/27 07:41 |
| S47 | 159 | catheter textured same surface adhesion @py<="2003" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/11/27 07:46 |
| S48 | 13 | "138".clas. textured same surface adhesion @py<="2003" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/11/27 07:49 |
| S49 | 58 | "138".clas. textured same surface @py<="2003" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/11/27 07:50 |

| S50 | 176 | "604".clas. catheter textured same surface @py<="2003" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/11/27 07:50 |
|-----|------|--|---|-----|-----|---------------------|
| S51 | 4 | (("20010027310") or ("5330521")).PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/03/05 06:37 |
| S52 | 4340 | catheter (abrade or microabrasion or sand or grind or roughen\$4 or (particle near blasting)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2009/09/11 08:17 |
| S53 | 2914 | catheter (coil or wire or filament) (abrade or microabrasion or sand or grind or roughen\$4 or (particle near blasting)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2009/09/11 08:17 |
| S54 | 864 | catheter (coil or wire or filament) (abrade or microabrasion or sand or grind or roughen\$4 or (particle near blasting)) @py<="2002" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2009/09/11 08:17 |
| S55 | 97 | catheter (coil or wire or filament) (abrade or microabrasion or sand or grind or (particle near blasting)) (roughen\$ or texture or crack\$4) @py<="2002" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2009/09/11 08:19 |
| S56 | 47 | catheter (coil or wire or filament) (etch) (roughen \$ or texture or crack\$4) @py<="2002" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2009/09/11 08:22 |

| \$57 | 23 | ("3852045" "3905777" "3994793" "4203800" "4542539" "4547260" "4553272" "4644942" "4654314" "4659331" "4743254" "4790851" "4865603" "5164331" "5176792" "5246530" "5258098" "5260093" "5282861" "5354416" "5380547" "5531862" "5683547").PN. | US-PGPUB; USPAT; USOCR | AND | ON | 2009/09/11 08:24 |
|------|------|---|---|-----|-----|---------------------|
| S58 | 12 | catheter (coil or wire or filament) (chemical same etch) (roughen\$ or texture or crack\$4 or abrad\$4) @py<="2002" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2009/09/11 08:26 |
| S59 | 1099 | surface near roughness catheter | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/09/11 08:31 |
| S60 | 285 | surface near roughness catheter @py<="2002" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/09/11 08:32 |
| S61 | 199 | surface near roughness catheter not stent @py<="2002" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/09/11 08:35 |
| S62 | 2 | surface near roughness catheter not stent chemical near etch @py<="2002" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/09/11 08:36 |
| S63 | 2 | ("20020098278").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/09/11 09:47 |

| S64 | 222 | (604/527).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/02/04 08:48 |
|-------------|------|--|---|-----|-----|---------------------|
| S65 | 220 | (604/526).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/02/04 08:49 |
| S 66 | 54 | ("20010027310" "20020098278" "20020143384" "20030135198" "5244619" "5330521" "5338295" "5549109" "5568218" "5569218" "5603705" "5674208" "5680873" "5733248" "5762631" "5772609" "5853400" "5860963" "5911715" "6139510" "6159187" "6217565" "6273880" "6325790" "6416389" "6464889" "6669886").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/02/04 09:07 |
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| S68 | 1541 | reinforcing member metallic filament treat\$4 surface area | US-PGPUB; USPAT; USOCR | AND | ON | 2010/02/04 09:09 |
| S69 | 463 | metallic filament treat surface increase area braid | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/02/04 09:10 |

| S70 | 300 | (US-3554237-\$ or US- | USPAT | AND | ON | 2010/02/04 |
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| 4100115-\$ or US- 4101622-\$ or US- 4102736-\$ or US- 4103921-\$ or US- 4105739-\$ or US- 4106173-\$ or US- 4109474-\$ or US- 4109665-\$ or US- 4110139-\$ or US- 4111298-\$ or US- 4117071-\$ or US- 4117071-\$ or US- 4118302-\$ or US- 4118302-\$ or US- 4122567-\$). did. or (US- 4123215-\$ or US- 4124093-\$ or US- 4124422-\$). did. | | | | |
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EAST Search History (Interference)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------------|----------|---|-------------|------------------|---------|------------------|
| S71 | 4 | (604/527).OCLS. | UPAD | OR | OFF | 2010/02/04 08:48 |
| S72 | 3 | (604/526).CCLS. | UPAD | OR | OFF | 2010/02/04 08:49 |
| S7 3 | 807 | reinforcing member metallic filament treat \$4 surface area | USPAT; UPAD | AND | ON | 2010/02/04 09:09 |
| S74 | { | metallic filament treat surface increase area braid | USPAT; UPAD | AND | ON | 2010/02/04 09:10 |

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